

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method for writing an optical disc using an optical disk writing device, comprising:
 - (a) writing a program onto the optical disc;
 - (b) obtaining writing control information of the program into an area not accessible to an optical disc reading device; and
 - (c) converting the written control information of the program into control information compliant to a standard and storing the control information compliant to a standard on the optical disc.
2. (Original) The method according to claim 1, before step (c), repeating step (a) and (b) in order to write other programs.
3. (Currently amended) The method according to claim 1, further comprising: storing wherein the writing control information of the program comprises writing the control information of the program in an assigned area.

4. (Original) The method according to claim 3, wherein the assigned area is on the optical disc.
5. (Currently amended) The method according to claim 4, wherein the assigned area on the optical disc is in the an area unable to be identified by the optical disc playerreading device.
6. (Currently amended) The method according to claim 3, wherein the assigned area is in the a storage area of the optical disk writing device.
7. (Currently amended) The method according to claim 6, wherein the assigned area is in the storage area of the a hard disc of the optical disk writing device.
8. (Currently amended) The method according to claim 6, wherein the assigned area is in the storage area of the a set-top terminal of the optical disk writing device.
9. (Previously presented) The method according to claim 1,

wherein the control information comprises starting address of the program.

10. (Original) The method according to claim 9, wherein the control information comprises data encoding type of the program.

11. (Previously presented) The method according to claim 1, wherein the control information further comprises I frame of image.

12. (Previously presented) The method according to claim 1, wherein the control information comprises an address of I frame of image.

13. (Previously presented) The method according to claim 1, wherein the control information comprises starting address of the program and I frame of image.

14. (Currently amended) An apparatus for writing an optical disc, comprising,

means for writing a program onto the optical disc;

means for obtaining writing control information of the program

into an area not accessible to an optical disc reading device; and
means for converting the written control information of the
program into control information compliant to a standard and
storing the control information compliant to a standard on the
optical disc.

15. (Original) The apparatus according to claim 14, further
comprising encoding means for converting analog signals into
digital signals.